



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application No. 10/666,453 )  
)  
Filed: September 17, 2003 )  
)  
Applicants: Alan Dane SMITH et al. )  
)  
Title: METHOD AND APPARATUS )  
FOR DETERMINING A )  
POSITION OF A MOVABLE )  
BARRIER )  
)  
Art Unit: 2878 )  
)  
Examiner: Stephone B. ALLEN )  
)  
Attorney Docket: 5569/79402 )  
)  
Customer No.: 22242 )

**Confirmation No. 8365**

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

5/10/2005  
Date

Kenneth H. Samples  
Kenneth H. Samples  
Registration No. 25,747  
Attorney for Applicant(s)

Mail Stop AMENDMENT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed February 10, 2005, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment/reply in the above-identified application.

- ☒ A Terminal Disclaimer (U.S. Patent No. 6,376,832) is enclosed.
- ☒ A Terminal Disclaimer (U.S. Patent No. 6,878,927) is enclosed.
- ☐ No additional fee is required.

**Fee Calculation For Claims As Amended**

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Independent Claims	4	3	** = 1	x \$ 200.00	= \$ 200.00
Total Claims	14	20	* = 0	x \$ 50.00	= \$ 0.00
Fee for Multiply Dependent Claims				\$ 360.00	\$ 0.00
** At least 3			Total Additional Fee		\$ 200.00
* At least 20					

Application No. 10/666,453  
Amendment dated May 10, 2005  
Reply to Office Action of February 10, 2005

☐ Applicant(s) assert entitlement to Small Entity Status  
(37 C.F.R. § 1.27), thus reducing the fee by half to: \_\_\_\_\_

☐ A check in the amount of \$\_\_\_\_\_ is enclosed.

☒ Charge \$ 460.00 to Deposit Account No. 06-1135.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135. Should no proper payment be enclosed herewith, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1135. A duplicate copy of this sheet is enclosed.

May 10, 2005  
Date

Kenneth H. Samples  
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